

Please work your way through these, skipping to the next sheet if you do not feel challenged enough. 3 is the most challenging.

1)

- 1) Draw the following in your book and then ask your learning partner to check your measuring is accurate.



- a) An angle measuring 65° with one line measuring 6.5cm
- b) An obtuse angle measuring 136° with one line measuring 5.4cm

- 2) The players are passing the ball to each other. Draw the path the football takes by following the instructions, then measure the angles created.

- a) Raheem to Gary to Dele _____
- b) Dele to Jesse to Kyle _____
- c) Gary to Dele to Raheem _____
- d) Kyle to Raheem to Jesse _____

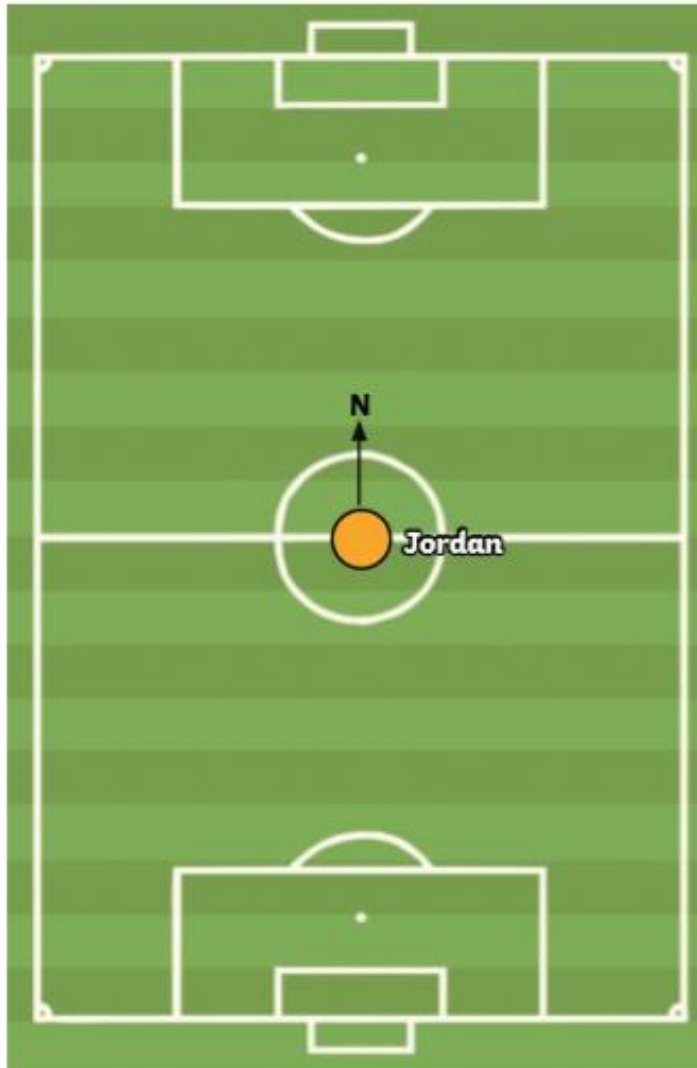


2)

- 1) Can you identify where the other players are on the diagram of the pitch? Jordan is facing **north**. Mark on the pitch where the other players are **in relation to Jordan**.



- a) Eric is 63° clockwise and 4.2cm away.
- b) Marcus is 172° anticlockwise and 5.3cm away.
- c) Jamie is 285° clockwise and 3.7cm away.
- d) Trent is 313° anticlockwise and 1.9cm away.



- 1) Draw these shapes in your book, then ask your learning partner to check your measuring is accurate.



- a) A quadrilateral with one angle measuring 90° , one angle measuring 110° and one of the sides measuring 7.6cm
- b) An isosceles triangle with one angle measuring 55° and one side measuring 6.4cm

- 2) In your book, answer the following questions.
The football players are warming up by passing the ball back and forth.



- a) Where the balls cross, what angles are created? What do you notice?



- b) These players are passing the ball too.
What is the **same** and what is **different** about the angles created compared to the picture before? Is this always the case? Investigate by drawing your own pair of intersecting lines.